

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

REC'D 24 OCT 2005

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To:

see form PCT/ISA/220

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing

(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION

See paragraph 2 below

International application No.
PCT/B2005/051945

International filing date (day/month/year)
13.06.2005

Priority date (day/month/year)
28.06.2004

International Patent Classification (IPC) or both national classification and IPC
G11B7/0045, G11B7/005, G11B7/0033, G06K7/14, G11C13/04

Applicant
KONINKLIJKE PHILIPS ELECTRONICS N.V.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1b/s(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/IB2005/051945

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ in written format
 - ☐ in computer readable form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/IB2005/051945

Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	
	No: Claims	1,5,6,10
Inventive step (IS)	Yes: Claims	2-4,7-9
	No: Claims	11-14
Industrial applicability (IA)	Yes: Claims	1-14
	No: Claims	

2. Citations and explanations

see separate sheet

Re Item V.

1.) Reference is made to the following documents:

D1: WO-A-03/007230.

2.) Claim 1 lacks novelty with respect to the disclosure of D1; for the following reasons:

D1 discloses a system for recovering data from an information carrier (card) having data stored according to data pages (see D1, page 1, lines 9 to 12), each data page being formed by a set of data being spatially distant from each other (see D1, figure 2 and page 9, lines 13 to 17); whereby said system comprises:

- a data reading system for reading at least one data page so as to generate at least one read data page (this can be derived from D1, page 9, lines 13 to 28);
- a storage memory for storing at least one read data page (see D1, figure 8, "buffer");
- a processing module connected to said storage memory for recovering data from said at least one read data page (see D1, figure 8, parts (805),(806)).

Therefore the subject-matter of claim 1 is anticipated by the disclosure of D1.

3.) The same objection of lack of novelty with respect to D1 applies to the corresponding method claim 6.

4.) Claims 5 and 10:

The additional features of claim 5 are known from D1 (see D1, page 13, lines 18,19 (optical system (530) comprising a micro lens matrix type optical head); page 13, line 28: detector based on the matrix photo receiver sensor (801)).

The same novelty objection applies to the corresponding method claim 10.

5.) Claims 11 to 14:

Claims 11 to 14 lack an inventive step; for the following reasons:

it is considered that it would be obvious to the skilled person to consider the use of a data

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AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2005/051945

recovering system as the one specified in claim 1 in any of the devices listed in these claims.